

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900008-6

MALYKH, V.V.

In the Designers Bureau of the Kirovograd Dairy Combine, Ukr.
prom. no. 347-49 D-2 '65. (MIA 181)

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MALYSH, V.V.; SOLOP, M.K.

Drying of oilseed with gas. Khar. prom. no. 2:62-63 Ap-Je '63.
(MIRA 18:5)

MALYSH, V.P.

Checking the soldering of electric motor winding. Sbor.rats.
predl.vnedr.v proizv. no.5:52-53 '60. (MIRA 14:8)

1. Nizhnedneprovskiy zavod metallicheskikh izdeliy.
(Electric motors--Testing)

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MALYSH, V.P.

Checking short-circuited rotors for core breaks. Energetik 4 no.8:
24 Ag '56. (Electric meters) (MLRA 9:10)

MALYSH, V.P. Malysh, V.P.

AID P - 3710

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 15/25

Author : Malysh, V. P., Eng.

Title : Tachometer-detector of defects

Periodical : Energetik, 12, 20-21, D 1955

Abstract : The author describes a tachometer for quick detection of defects in the stator and rotor windings of three-phase, 1 to 40-kw motors. One drawing.

Institution : None

Submitted : No date

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MALYSH, V.

Pioneers of rapid steelmaking. Metallurg 8 no.3:21-23 Mr '63.
(MIA 16:3)
(Iron and steel workers)

PROKOP'YEV, V., mekhanik (Bryansk); MALYSH, V., inzh. (Zaporozh'ye);
TANEVSKIY, Ya., inzh. (Arkhangel'sk); GROSH, K. (Chelyabinsk);
POPKOVA, Ye. (Chelyabinsk)

Suggested, created, introduced. Izobr.i rats. no.2:20-21 F 162.
(MIRA 15:3)
(Technological innovations)

MALYSH, V.

Aluminum instead of steel. Izobr. i rats. no. 5:13 My '61.
(MIRA 14:5)

1. Rabotnik oblastnogo radioveshchaniya, g. Zaporozh'ye.
(Zaporozh'ye—Aluminum industry)

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MALYSH, V.

First in the Ukraine. Znan. ta pratsia no. 19 Ja '61.

(MIRA 14:4)

(Zaporozh'ye Automobile industry)

MARSH, R. T., Jr.

Investigating the change in the physical properties and the
fine crystal structure of hardened steel during tempering.
Sber. naturf. Ges. no. 21/209-217-163. (ICRA 177)

1. MALYSH, N.M.
2. USSR (600)
4. Agriculture - Study and Teaching
7. Work practice in agronomy and animal husbandry courses. Dost. sel'khoz. no. 2, 1952
9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

MALYSH, G.I., inzh.

Steel nozzles for electric rivet heads. Svar. proizv.
no.5:36 My '64. (MIRA 18:11)

1. Zavod "Rostsel'mash".

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MALYSH, A.

At the sources of Marxian economics. Vop. ekon. no.6:42-53 Je
'63. (MIRA 16:6)
(Engels, Friedrich, 1820-1895) (Economics)

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MALYSH, A.

Evaluation of K. Marx's "Economic and philosophical manuscripts
of 1844." Vop. ekon. no.2:64-77 F '64.

(MIRA 17:3)

MALYSA, H.: MOLL, F., SENETRA, S.

An analysis of the effectiveness of the increased production of finished metal products in the years 1961-1965. p. 213

PROBLEMY PROJEKTOWE HUTNICTWA' (Biuro Projektow Przemyslu Hutniczego, Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu Metalowego), Gliwice, Poland.
Vol. 7, No. 7, July 1959

Monthly List of East European Acquisitions Index (EEAI), LC, Vol. 2, No. 11, November 1959
Uncl.

DAL', V.I., prof., doktor tekhn.nauk; FOMENKO, O.S., dotsent, kand.tekhn.
nauk; MAILYROV, B.M., kand.tekhn.nauk; AL'TERMAN, L.S., mladshiy
nauchnyy sotrudnik; KEYTEL'GISSER, A.M., mladshiy nauchnyy
sotrudnik

Coals from the western part of the Donets Basin as raw materials
for complete processing into fuels and other materials. Ugol'
Ukr. Vol.3 no.5:15-17 My '59. (MIRA 12:9)

1. Dnepropetrovskiy khimiko-tehnologicheskiy institut im. F.E.
Dzerzhinskogo.
(Donets Basin--Coal) (Coke industry) (Coal-tar products)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900008-6

MALYRCHUK, A.A., inzh.; BEL'CHEV, I.V., inzh.

Underwater greasing of slip launching ways. Sudostroenie 24
no.12:46-48 D '58. (MIRA 12:2)
(Shipyards--Equipment and supplies) (Ships--Launching)

MALYPETROVA, B.

Asymmetry of the face. Cesk. stomat. 65 no.1:30-39 Jn '65

1. I. stomatologicka klinika fakulty vseobecneho lalartvi
Karlov University v Praze (prednosta: prof. dr. J. Toman,
DrSc.).

MALÝPETROVÁ, B.

OSSR

MALÝPETROVÁ, B., DIBELKA, F.

1st Stomatological Clinic of the Faculty for General Medicine at Charles University, Prague (I. stomatologická klinika fakulty všeobecného lekarství KU), director: docent Dr. J. Toman, OSc

Prague, Ceskoslovenska Stomatologie, No 1, 1963, pp 41-50

"On the Problem of Labial Occlusion"

2

3
40

Jan

Mass transfer in the film rectification process. I. With streamline flow of the vapour. II. With turbulent flow. V. A. Mulyanov, N. N. Umnik, and N. M. Zhavoronkov (*Dokl. Akad. Nauk SSSR*, 1955, **105**, 776-781; 1957-1959).—I. For rectification in columns with wetted walls, the authors derive an equation $h = 0.068 \times \frac{ud^2}{D}$, in which h is the column height per unit of mass transfer, u is the vapour velocity, d the column diameter and D the diffusion coefficient. This equation is equivalent to $h = 0.068 \text{ Re}^{0.6} \text{ Pr}^{0.3}$, where Re is the Reynolds no. and Pr ($= \eta/\rho D$, η being the viscosity and ρ the vapour density) is the Prandtl no. The equation was tested for several mixtures with a high relative volatility and shown to hold for column diameters in the range 3-22 mm, and Reynolds no. between 200 and 800-1000. This result indicates that nearly all the resistance to mass transfer is in the gas phase.

II. At high vapour velocities (Reynolds no. 1000-15,000), the above results and those of other workers can be represented with fair accuracy by an equation $h = 11.1d^{0.4} \text{ Re}^{0.6} \text{ Pr}^{0.3}$. The systems tested were $\text{C}_6\text{H}_6-\text{CCl}_4$; $\text{C}_6\text{H}_6-\text{C}_2\text{H}_5\text{Cl}_2$; $n\text{-C}_6\text{H}_{14}$ -toluene; and $\text{EtOH}-\text{H}_2\text{O}$.

F. W. KIRK RIDGE

FM

A controller for automation ...

S/102/62/000/006/003/005
D201/D308

installation permits remote signalling along 32 channels and producing remote control signals (in the digital form) to be transmitted through 30 channels. Facilities exist for introducing additional five-digit information by the operator. An electronic timer permits a 24-hour continuous control. The permissible ambient temperature variation is from 0 to 40°C. Reliability up to 100 hours. The Instytut kybernetyky AN UkrSSR (Institute of Cybernetics of AS UkrSSR) which investigates the analytical representation of various production processes, proved that the applications of the described controller range from metallurgy and machine engineering to chemical processes, where it can be used for the automation of work related to the setting-up of mathematical simulation of production processes. In particular the application to the control of a carbo-column of a soda plant has been indirectly investigated by cross-checking the control process with the "Kiev" digital computer. The experiment has shown the correctness of the static characteristics of the basic units of the plant as determined with the above machine. There are 6 figures.

SUBMITTED: February 1, 1962
Card 2/2

44057

9.7000

S/102/62/000/006/003/005
D201/D308

AUTHORS: Malynov's'kyj, B.M. and Yanovych, I.O. (Kiev)

TITLE: A controller for automation of complex production processes

PERIODICAL: Avtomatyka, no. 6, 1962, 30-38

TEXT: The authors describe a general purpose controller developed at the Obchyslyval'nyy tsentr AN URSR (Computer Center of the AS UkrSSR). The machine consists of two basic parts: 1) A general purpose digital computer designed for the purpose of control operation. Speed of operation approximately 10,000 operations/sec, output up to 26 binary digits; a printer at the output with a printing speed of seven numbers per second. The computer may be used as a separate unit. 2) An input-output arrangement, the type of which depends on the process to be controlled. Maximum number of inputs for sensing elements - 250. The duration of one analog-digital computation - 2 microseconds to 2 sec, depending on the type of transducer. Accuracy of reproduction - 0.4 to 1%. The input-output

Card 1/2

X

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KARPENKO, H.V.; ISHCHENKO, I.I.; MALYNOVS'KA, I.A.; BELYANKIN, F.P., diysnyy chlen.

Effect of the cooling medium on the strength of steel. Dop. AN URSR no. 5:430-
434 '52. (MIREA 6:10)

1. Akademiya nauk Ukrayins'koyi RSR (for Belyankin). 2. Instytut budivel'noyi
mekhaniky Akademiyi nauk Ukrayins'koyi RSR (for Karpenko, Ishchenko and Maly-
novs'ka). (Steel--Heat treatment)

66691

(18.7500

SOV/21-59-12-8/20

AUTHORS: Malynochka, Ya.N., Osada, N.H. and Koval'chuk, H.Z.

TITLE: A Particular Kind of Pearlite in Fe-C-Si Alloys

PERIODICAL: Dopovidi Akademiyi nauk Ukrayins'koyi RSR, 1959,
Nr 12, pp 1330-1335 (USSR)

ABSTRACT: Conducting microstructural examinations of hyper-eutectoid steels and low-carbon cast irons the authors have discovered the presence of a particular type of pearlite, called honeycomb pearlite, in whose colonies the carbide forms a continuous phase. In castings from steel Nr 1 (1.40% C, 0.64% Si, 0.069% Mn, 0.041% S, 0.005% P and 0.14% Cu) such pearlite was found on junctions of austenite's dendrite branches (Figure 1a) and near the carbide lattice (Figure 1b). In castings from steel Nr 2 (1.35% C, 3.03% Si, 0.10% Mn, 0.041% S, 0.002% P and 0.15% Cu) the honeycomb pearlite was found not only along the lattice of hyper-eutectoid carbides, but also near carbide plates within the austenite grains (Figure 3). The authors give more

Card 1/2

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NIKIFOROV, Yuriy Nikolayevich; MALYNICH, Vyacheslav Iosifovich;
DURANIN, S.I., inzh., retsenzent; BRAYLOVSKIY, N.G., inzh.,
red.; MEDVEDEVA, M.A., tekhn. red.

[Technology of wood processing] Tekhnologija obrabotki drevesiny.
2. izd. Moskva, Transzheldorizdat, 1962. 215 p.

(MIRA 15:5)

(Woodwork)

(Railroads--Cars)

Plavnyach VIT
VEYS, D.A.; KOKHTEV, A.A.; IELYANOV, V.A.; MALYNICH, V.I.; FOVOLOTSKIY, L.I.; RASKATOV, V.M., inzhener; TOPORIN, G.S.[deceased]; LAPUSHKIN, A.D., dotsent, retsenzent; USPASSKIY, P.P., professor, retsenzent; AKHANGEL'SKIY, V.M., kandidat tekhnicheskikh nauk, retsenzent; REGIRER, Z. L., kandidat tekhnicheskikh nauk, retsenzent; SHAROV, M.Ya., kandidat tekhnicheskikh nauk, retsenzent; YUR'YEV, M.G., inzhener, retsenzent; LYUTIKOV, A.F., redaktor; MODEL', B.I., tekhnicheskiy redaktor.

[Manual on materials for the construction of locomotives and railroad cars] Spravochnik po materialam dlia lokomotivo- i vagonostroeniiia. Pod obshchei red. V.M. Raskatova. Moskva, Gos. nauchno-tekhn. izd-vo machino-stroit. lit-ry, 1956. 481 p.
(Locomotives--Construction) (Railroads--Cars--Construction)

NIKIFOROV, Yuriy Nikolayevich, kandidat tekhnicheskikh nauk; MALYNICH,
Vyacheslav Iosipovich, inzhener; LUKASHEV, A.A., inzhener,
redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor

[Technology of woodworking] Tekhnologiya obrabotki drevesiny.
Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 243 p. (MLRA 10:3)
(Woodwork)

MALYNICH, V. I.

Lumber

Using third-grade lumber in car construction. Les. prom. 12 no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1952, YACI.

MALYNICH, V. I., Eng.

Railroads - Cars - Construction

Quality of wood veneer used in constructing railroad cars. Der. i lesokhim. prom.
1 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

BELEN'KIY, B.G.; BOL'SAKOVA, L.I.; KAMYSHKO, O.P.; MALYKHINA, Yu.V.;
SENYUTENKOVA, L.G.; SOLOV'YEV, S.N.; TSYGANOV, V.A.

Antibiotic from a new type of Penicillium with glucose dehydrogenase
activity. Antibiotiki 9 no.7:602-603 Jl '64.

(MIRA 18:3)

I. Leningradskiy nauchno-issledovatel'skiy institut antibiotikov.

MALYKHIN, Semen Grigor'yevich. Prinimale uchastiye MALYKHINA, Ye.G.,
vrach. KUNOV, S.S., red.; LEBEDINSKAYA, M.F., tekhn.red.

[Arkhyz, the pearl of the Caucasus] Arkhyz - zhemchuzhina
Kavkaza. Cherkessk, Karschaevo-Cherkesskoe knizhnoe izd-vo,
1959. 92 p. (MIRA 13:11)
(Zelenchukskaya District--Description and travel)

MALYKHINA, T.A., inzh.; KONEV, N.G., inzh.

Testing machines for the placement of mineral fertilizers.
Trakt. i sel'khozmash. no.6:27-28 Je'64 (MIRA 17:7)

1. TSentral'no-Chernozemnaya mashinoispytatel'naya stantsiya.

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MALYKHINA, S. A.

OBOYNECKA, A.M., kandidat farmacevticheskikh nauk; MALYKHINA, S.A.,
provizor

New drugs. Apt.delo 6 no.4:37-89 Jl-Ag '57.
(PHARMACOLOGY)

(M124 10:9)

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MALYKHINA, S.A.

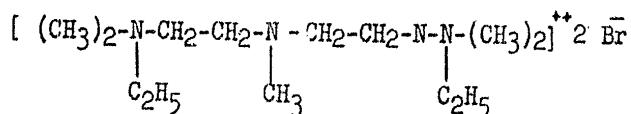
OBOYMAKOVA, A.N., kand.farmatsavticheskikh nauk; MALYKHINA, S.A., provizor

New medicines. Apt.delo 6 no.3:81-83 My-Je '57. (MIRA 11:1)
(DRUGS)

MALYKHINA, S. A., and OBOYMAKOVA, A. N.

"New Medicinal Preparations," by Candidate of Pharmaceutical Sciences A. N. Oboymakova and Senior Pharmacist S. A. Malykhina, Aptekhnaya Delo, Moscow, Vol 5, No 6, Nov/Dec 56, pp 45-48

Pentamin, a preparation synthesized at the All-Union Scientific-Research Chemicopharmaceutical Institute, is a white or white with a yellow tint crystalline powder with a slight odor. It is readily soluble in water and alcohol and is almost insoluble in ether. It is hygroscopic and has a melting point of 210-215°. Its structural formula is:



Pentamin belongs to the group of ganglioblocking drugs. It inhibits the transmission of stimulation in the automatic nervous ganglia and diminishes their reaction to various stimuli. It is indicated in first or second stages of hypertension, in spasms of the peripheral vessels, in spasms of the intestines and bile ducts, disturbances of the bladder and urinary tract, and in bronchial asthma. It is administered intramuscularly in doses depending on the nature of the disease and the condition of the patient. It is contraindicated in hypotonia, in organic affections of the cardiac muscles, and in older persons with strongly manifested arteriosclerosis. It must be kept in well-sealed jars.

Sym 1274

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MALYKHINA, R.I.

MALIKHINA, R.I. [Malikhina, R.I.]; DUBINS'KA, N.I. [Dubyns'ka, N.I.];
CREDITOR, Ye. [Breditor, YE.H.]

Babelism of the pulmonary vessels caused by amniotic fluid.
Ped., akush. i gin. № 25 no. 2857-58 '63. (MIRA 16:5)

1. Kafedra akusherstva i ginekologii (zav.-doktor med.nauk
R.I.Malikhina [R.I.Malykhina]) Ukrains'kogo institutu udos-
konalennya likariv (rektor-detsent I.I.Ovsaienko [I.I.Ovsiienko]).
(AMNIOTIC FLUID) (PULMONARY EMBOLISM)

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MALYKHINA, R.I., Doc Med Sci --- (dict) "Diagnosie of tuberkulose der
genital organs of women" Kharkov, 1921, 30 pp (Kharkov Med
Inst). 200 copies (Kharkov, 106)

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RECORDED IN THE MIRAS

RECORDED IN THE MIRAS
MIRAS 184

ACCESSION NR: AP4043011

spectral sections were separated either with a monochromator or with a glass filter. A Glan-Thomson prism was used as a polarized-light analyzer, and most of the measurements were made with a DFC-13 spectrograph with resolution 4 Å/mm. The possible arrangement of the stilbene molecules, which formed various types of impurity centers in the tolane lattice, is analyzed in the approximation of the oriented-gas model. It is shown that the concentration changes in the luminescence spectra can be related to the occurrence of an interaction between the impurity centers of different types as the impurity concentration is increased. The polarization properties of the absorption and luminescence spectra of the investigated system are found to differ greatly, and contain bands that can be set in correspondence with combinations of a purely electronic transition in the stilbene molecule and the vibration frequencies of the tolane. Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: None

2/3

ACCESSION NR: AP4043011

S/0051/64/017/002/0235/0243

AUTHORS: Malykhina, N. N.; Shpak, M. T.

TITLE: Polarized-light investigations of the spectra of a crystalline solution of stilbene in tolane

SOURCE: Optika i spektroskopiya, v. 17, no. 2, 1964, 235-243

TOPIC TAGS: light polarization, absorption spectrum, luminescence spectrum, single crystal, thin film, impurity center, electronic transition

ABSTRACT: Results are reported of an experimental investigation of the absorption and luminescence spectra of the stilbene-tolane system, made in polarized light at temperatures 20.4 and 4.2K. The tolane used was prepared by zone melting to increase its purity. Most tests were made on single-crystal thin films prepared by sublimation. Luminescence was excited by a mercury lamp and the

MALYKHINA, N.N. [Malykhina, N.M.]; SHVAK, M.T.

Effect of impurities on the absorption of crystalline
naphthalene and its deuteriosubstituted compounds. Ukr.
fiz. zhur. 9 no.9:991-1000 S '64.

(MIFI 17:11)

I. Institut fiziki AN UkrSSR, Kijev.

MALYKHINA, N.N. [Malykhina, N.M.] ; SHPAK, M.T.

Spectral study of a mixed bibenzyl - stilbene crystal at 20. 4°
and 4. 2° K. Ukr. Fiz. zhur. 9 no.2 1964 (MIRA 1727)

1. Institut fiziki AN UkrSSR, Kiyev.

L 34000-66 EWT(1)/EWT(m)/EWP(j)/T IJP(c) CG/RM

ACC NR: AR6017247

0710 0060
SOURCE CODE: UR/0058/65/000/012/D042/D042

61
B

AUTHORS: Malykhina, N. N.; Shpak, M. T.

TITLE: Low-temperature spectral investigations of the stilbene-tolan impurity crystals

SOURCE: Ref. zh. Fizika, Abs. 12D355

REF SOURCE: Tr. Komis. po spektroskopii. AN SSSR, t. 3, vyp. 1, 1964, 173-477 [probably should be 473-477]

TOPIC TAGS: crystal impurity, absorption spectrum, luminescence spectrum, light polarization, impurity center, light excitation

ABSTRACT: The absorption and luminescence spectra of single crystal tolan with stilbene molecules enter into the tolan lattice in several ways, forming impurity centers of different natures. The impurity concentration influences the intensity distribution in the luminescence spectra of different centers. The sharp difference in the polarization properties of the bands corresponding to the pure-electronic and electron-vibrational transitions in one and the same impurity center is qualitatively explained by means of a theory which takes into account the delocalization of the excitations of the impurity molecules. [Translation of abstract].

SUB CODE: 20

Card 1/1

ZAREMBA, Ye.M.; CHVAMANJYA, A.Ye.; KUVARDINA, N.M.; BELKIN, M.I.; MALYKHINA, A.F.; NEFLOTNIK, I.F.; CHUCHENKO, R.I.; MATUSYAK, Ye.I.

Comparative evaluation of various methods of gastric lavage with
"Yessentuki" No.4 mineral water in chronic gastritis. Sber. nauch.
rab. vrach. san.-kur. uchr. profaciuzov no.1479-83 "S",
(MIRA 18/10)

1. Yessentukskiy sanatoriya imeni L.P.Pavlova (glavnyy vrach A.Ye.
Chvamandya, nauchnyy rukovoditel' kand.med.nauk I.S.Konovalev).

Malykhina, A. A., "New Medicinal Preparations," p. 48.

"New Medicinal Preparations," by Candidate of Pharmaceutical Sciences A. N. Oboymakova and Senior Pharmacist A. A. Malykhina, Aptekhnaya Delo, Moscow, Vol 5, No 6, Nov/Dec 56,
pp 45-48

Securinine nitrate is a white crystalline powder with a rose-cream tint, soluble in water, and only slightly soluble in ether. It is odorless, has a slightly bitter taste, and melts at a temperature of 200-202°. Securinine nitrate has a strychnine-like action; it stimulates respiration, the cardiovascular system, and the central nervous system, the spinal cord in particular. It can be administered internally in the form of a 1:250 solution in doses of 10-20 drops twice daily, or in the form of a 1:500 solution in doses of one milliliter once a day. It can be kept in a cool and dry place for one year.

SUM 1287

MALYKHIN, Yu.Z., inzhener.

Performance of corn-harvesting combines. Sel'khozmaschina
no.8:10-11 Ag '56. (MLRA 9:10)

1. TSentral'no-Chernozemnaya mashinoispytatel'naya stantsiya.
(Combines (Agricultural machinery)) (Corn (Maize))

SKLYARENKO, V.K., inzhener; MALYKHIN, Yu.Z., inzhener.

New machinery for cultivating and harvesting corn and sugar beets.
Sel'khozmashina no.6:6-10 Je '56. (MLRA 9:8)

1. TSentral'no-Chernozemnaya mashinoispytatel'naya stantsiya.
(Agricultural machinery) (Harvesting machinery)

KOROBENIKOV, A.T.; SKLYARENKO, V.K.; ALFEROV, I.A.; MALYKHIN, Yu.Z.; BURCHENKO, P.N.

Letter to the editor. Sel'khozmashina no. 4:22 Ap '56. (MLRA 9:7)
(Machinery--Testing)

MALYKHIN, Yu.Z., inzhener.

Efficiency of the SKEM-3 beet combine. Sel'khozmashina no.5:13-14
My '54. (MLRA 7:5)

1. Tsentral'no-Chernozemnaya MIS. (Sugar beets--Harvesting)
(Harvesting machinery)

MALYKHIN, Vl. (Voronezh)

Researchers. MTO 5 no, 3:5-7 Mr '63. (MIRA 16:4)

1. Spetsial'nyy korrespondent zhurnala "Nauchno-tehnicheskiye
obshchestva SSSR".
(Voronezh—Textile industry)

CHERNAKOV, F.A.; MALYKHIN, V.Ya.

Creation of cutting centers. Avtom. svar. 16 no. 6:82-83 Je '63.
(MIRA 16:?)

1. Leningradskiy sovet narodnogo khozyaystva (for Malykhin).
(Gas welding and cutting)

MALYKHIN, V.Ya.; SLIOZBERG, S.K.

Centralized manufacture of electrodes for resistance
welding machines. Avtom. svar. 15 no.3:86 Mr '62. (MIRA 15:2)
(Electrodes)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900008-6

RYZHAKOV, V. N., inzh.; MALYKHIN, V. Ya., inzh.; CHERNAKOV, F. A., inzh.

Expanded use of welding in enterprises of the Leningrad Economic Region. Svar. proizv. no.10:44-45 0 '62.
(MIRA 15:10)

(Leningrad Economic Region--Welding)

L 28021-66

ACC NR: AP5026456

(with $A = 0.515$, $n = 0.216$) and the exponential function curve 3. The internal radiation dose D (in rem) was expressed by the formula $D = Sq(t)q$, where the factor $Sq(t)$ was the dose accumulated during t days by absorbing a Sr-90 content of 1 curie. The growth of Sq with time was illustrated in a graph. A similar formula was also used for calculating the radiation dose on the basis of the initial man-ration R at $t = 0$ expressed in curie/day. In calculations, the preference was given to the power function model to estimate the retention of osteotropic isotopes over long periods. The retention of Sr-90 from radioactive fallouts was not taken into account. Orig. art. has: 3 graphs and 4 formulas.

Fig. 1
 taken into account. Orig. art. has: 3 graphs and 4 formulas.
 SUB CODE: 06 / SUBM DATE: 18Feb65 / ORIG REF: 002 / OTH REF: 004

Card 2/2

L 28021-66 EWT(m)

ACC NR: AP5026456

SOURCE CODE: UR/0089/65/019/004/0401/0403

AUTHOR: Malykhin, V. M.; Moiseyev, A. A.; Shamov, V. P.

ORG: None

TITLE: Internal radiation doses in man induced by Sr-90

SOURCE: Atomnaya energiya, v. 19, no. 4, 1965, 401-403

TOPIC TAGS: radiation biologic effect, radiation injury, strontium

ABSTRACT: The retention of strontium-90 in man and the effect of radiation doses on the bone tissue is discussed and calculated. The Sr-90 retention q (in nanocurie) was calculated by using the following formula:

$$q(t) = \frac{1}{100} R t / A e^{-\lambda(t-1)} \frac{t^{1-n}-1}{1-n} = \\ = B R e^{-\lambda(t-1)} (t^{1-n}-1),$$

Here, R - Sr-90 content in man-ration based on 1 pcu/day at the beginning; B-constant; t-time; A and n-parameters of power function; decay constant $\lambda = 7 \times 10^{-5}$ day⁻¹; absorbed isotope fractions ($i_1 = i_2 = 0.3$). The results of calculations are plotted in Fig. 1 showing the power function curve 1 (with $A = 0.522$, $n = 0.175$), the power function curve 2

Card 1/2

UDC: 577.391.087

L 26927-65

ACCESSION NR: AP5004013

varying the counting rates of the compound and of the background is also discussed and it is shown that a maximum counting-rate ratio produces better measurement conditions only when the activity ratio is large. For compounds with low activity, it is better to maximize the ratio of the square of the compound counting rate to the background counting rate. The effect of apparatus stability is also discussed.

Orig. art., han, 2 figures, 2 tables, and 3 formulas.

ASSOCIATION: None

SUBMITTED: 17 Jan 54

ENCL: 00

SUB CODE: NP

MR RSP NOV: 000

OTHER: 002

Card

2/7

U-6927-65 DENT (u) DIAAP
ACCESSION NO: AP5004013

S/0089/65/018/001/0073/0075

AUTHOR: Malyutin, V. M.

TITLE: Conditions for the measurement of radioactive compounds
and control of measurement stability

SOURCE: atomnaya energiya, v. 18, no. 1, 1965, 73-75

TOPIC TAGS: radioactive compound, radioactivity measurement, back-
ground measurement

ABSTRACT: The article deals with the relation between the time for continuous measurement of radioactive samples, the time necessary to measure the background, the time necessary to measure the activity of each compound, and the time during which the measuring equipment remains stable. The optimal distributions of the various times are discussed and a formula is derived for the relative error in the determined activity at a specified confidence level. The effect of

Core: 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900008-6

L 27580-66

ACC NR: AP6018375

The data were compared with the results obtained by Greitz, who used a somewhat different method. They deviated by less than 10% for the most critical regions, the ascending and descending intestines. Orig. art. has: 1 figure and 4 formulas.

[JPRS]

SUB CODE: 06, 20 / SUBM DATE: 15Mar64

Card 2/2

O

L 27580-66 ENT(m)

ACC NR: AP6018375

SOURCE CODE: UR/0241/65/010/005/0082/0083

30
B

AUTHOR: Malykhin, V. M.; Shamov, V. P.

ORG: none

19

TITLE: Method of calculating the irradiation dose and maximum permissible concentration of fresh fission activity in different parts of the gastrointestinal tract

SOURCE: Meditsinskaya radiologiya, v. 10, no. 5, 1965, 82-83

TOPIC TAGS: digestive system, radiation dosimetry, beta radiation

ABSTRACT: Formulas are presented for calculating the dose loads for different periods of consumption of a ration charged with fragments. The doses are calculated for an initial level of 1 microcurie of total beta-activity (Λ) for a ration one hour old.

$$q_1 = \frac{1}{\Lambda} \left(\frac{\Lambda}{\Omega} + 1 \right), \text{ where } \Omega \text{ is the moment of fission.}$$

The results of the calculations combined with the data on the dose loads for other critical organs can be used to standardize the consumption of nutrients and water according to various dose criteria (e.g., 20 ber for 10 days of consumption, 30 ber for 30 days, etc.). The corresponding maximum permissible concentrations in microcuries are obtained by dividing the dose criterion by the dose from $1/\Lambda$ ck_{Σ} in the initial ration.

Cord. 1/2

UDC: 616.33/34-001.29-613.2

2

L 4244-66

ACCESSION NR: AT5023959

considered to be the accuracy of the measurement time (T) distribution. Graphs are given showing T versus $(n_0 + n_\phi)/n$ for any given m , and n_0 versus r for curves of equal quality. Points where $\varepsilon^2 T$ is a minimum are considered to be optimum for the given specimen. Three other graphs are given indicating the direction of change in the instrument induced by an increase in its accuracy. The curves are drawn for various initial ratios of specimen/phon. These curves can be used to estimate the factor by which background noise levels in a given measurement would change for a given change in measurement efficiency. Orig. art. has: 5 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 28Apr65

ENCL: 00

SUB CODE: NP

NO REF SOV: 000

OTHER: 001

BVR
Card 2/2

L 4244-66 ENT(m) DIAAP GS

ACCESSION NR: AT5023959

UR/0000/65/000/000/0456/0460
24
BT1AUTHOR: Malykhin, V. M.TITLE: On the optimum conditions for measuring radioactive preparations ^{AM}SOURCE: Nauchnaya konferentsiya po yadernoy meteorologii. Obninsk, 1964.
Radioaktivnye izotopy v atmosfere i ikh ispol'zovaniye v meteorologii (Radioactive isotopes in the atmosphere and their use in meteorology); doklady konferentsii. Moscow, Atomizdat, 1965, 456-460

TOPIC TAGS: radioactive material, quality control, measurement accuracy

ABSTRACT: Optimum conditions for measuring radioactive preparations ¹⁷ are discussed. A universal quality control parameter is quoted according to the formula

$$Q = \frac{1}{\epsilon^2 T} \ln \left(\frac{n_0 t}{(\sqrt{m(r+1)} + 1)^2} \right)$$

where T is counting time for m specimens and a single phon, m is the type of measurement, r is the ratio equal to n_0/n_ϕ , n_0 , n_ϕ are the counting rates from the specimens after deducting the noise and with the noise, respectively. The most important condition for optimum radioactive specimen measurement is

Card 1/2

MALYKHIN, V.M.

Estimated operating precision of a background subtraction
circuit. Prib. i tekhn. eksp. 9 no.2:167-168 Mr-Ap'64.
(MIRA 17:5)

1. Nauchno-issledovatel'skiy institut radiatsionnoy gigiyeny.

MALYKHIN, V.M.

One of the possibilities of using the theory of tolerance
limits in radiobiological experiments. Med. rad. 3 no.12/
60-61 D '63. (MIR 17:8)

1. Iz Instituta radiatsionnoy gigiyeny.

MALYKHIN, V.M.

Evaluation of the accuracy limits in a single measurement using
a low radioactivity preparation. Med. rad. 8 no.10:82-85 0 '63.
(MIRA 17:6)

1. Iz Leningradskogo instituta radiatsionnoy gigiyeny.

Strength design of ...

S/879/62/000/000/065/088
D234/D308

with the boundary conditions, and indicates a method of solution based on the theorems of M. D. Dol'berg (DAN SSSR, v. 120, no. 5, 1958; v. 134, no. 1, 1960). An estimation of the error is given. There are 2 figures.

-Card 2/2

S/879/62/000/000/065/088
D234/D308

AUTHOR: Malykhin, V. I. (Khar'kov)

TITLE: Strength design of symmetrically loaded shells of revolution

SOURCE: Teoriya plastin i obolochek: trudy II Vsesoyuznoy konferentsii, L'vov, 15-21 sentyabrya 1961 g. Kiev, Izd-vo AN USSR, 1962, 375-378

TEXT: Assuming an arbitrary form of meridian section and arbitrary variation of thickness, the author obtains the differential equations of the problem

$$\begin{aligned}
 & - \left[\frac{R_1}{A_1} Y(u', w) \right]' - X(u, u', w, w', w'') + q_1(u, u', w, w', w'') = \frac{12}{E} p_1 A_1 A_2; \\
 & \left[X(u, u', w, w', w'') \frac{R_1}{A_1} \right]' + Y(u', w) + q_3(u, u', w, w', w'') = \frac{12}{E} p_3 A_1 A_2
 \end{aligned} \tag{4}$$

Card 1/2

AIB Nr. 989-2 13 June

GENERAL DESIGN METHOD [Cont'd]

S/779/62/000/008/001/006

differential equations with boundary conditions and conditions for discontinuity of derivatives. Expressions for evaluating the magnitude of the error and for determining the displacements, forces, and moments are derived. A numerical example of calculating the stresses and strains in a toroidal thermal-expansion absorber is given, and the error of the solution is evaluated. [VK]

Card 2/2

MALYKHIN, V.I.
AID Nr. 989-2 13 June
GENERAL DESIGN METHOD FOR SHELLS OF REVOLUTION UNDER SYMMETRICAL LOADING (USSR)

Dol'berg M. D., and V. I. Malykhin. IN: Raschet prostranstvennykh konstruktsiy: sbornik statey, vyp. 8 (Design of three-dimensional structures; collection of articles, no. 8). Moskva, Gosstroyizdat, 1962, 47-68.

S/779/62/000/008/001/006

An approximate method of structural mechanics for investigating the states of stress and strain of symmetrically loaded thin-walled shells of revolution with an arbitrarily shaped meridional section is proposed. The method is similar to Ritz's; however, it ensures the convergence of successive approximations to the exact solution, and thus facilitates determination of the value of the error. The conventional assumptions of the theory of thin shells regarding isotropy of the material, preservation of normals to the middle surface, and smallness of normal stresses are used to obtain, by applying the principle of virtual displacements, a system of

Card 1/2

MALYKHIN, V. (Leningrad); GORBUNOV, A. (Leningrad)

Fruit of a routine approach. Okhr.truda i sots.strakh. 5
no.12:27-28 D '62. (MIRA 16:2)

1. Spetsial'nyye korrespondenty zhurnala "Okhrana truda i
sotsial'noye strakhovaniye".
(Leningrad--Medicine, Industrial)

MALYKHIN, V.

Hospital at home. Okhr,truda i sots,strakh. 4 no,12:18 D '61,
(MIRA 14:11)
(Minsk--Labor and laboring classes--Medical care)

MALIKHIN, V. (Michurinsk)

Petr Riabova, signalman. Okhr. truda i sots. strakh. 4 no.10:25
26 0 161. (MIRA 14 32)
(Riabov, Petr Proffimovich)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900008-6

MALYKHIN, V. (g.Pekin)

Original Chinese callisthenics. Okhr.truda i sots.strakh.
no.10:76-79 O '59. (MIRA 13:2)
(China--Callisthenics)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900008-6

MALYKHIN, V.; SHAKHOV, G.

Health pavilion. Okhr.truda i sots.strakh. no.9:7-11
S '59. (MIRA 13:1)
(Moscow--Exhibitions) (Public health)

85330

S/684/60/000/007/003/007
A104/A029

Direction Finding by Tuning Indicator

cator does not divert the pilot's attention and with some practice the course angle of the radio-station can be determined within an accuracy of one or two degrees.

✓

Card 2/2

13.2100

85330
S/084/60/300/007/003/007
A104/A029

AUTHOR: Malykhin, V., Chief Navigator of the Estonian Air Group of GVF

TITLE: Direction Finding by Tuning Indicator

PERIODICAL: Grazhdanskaya Aviatsiya, 1960, No. 7, p. 5

TEXT: In conditions when acoustic direction finding is not possible an APK-5 (ARK-5) type tuning indicator can be used. The method is as follows: The operation adjusting switch is shifted to the position "frame" and the latter is moved to the left or right until the indicator has moved from the extreme right to the extreme left, i.e., the moment when minimum reception of the frame is directed to the radio-station. The course angle of the radio-station is calculated with the help of the course angle indicator. The accuracy is checked by placing the operation adjusting switch in the position "compass" followed by a comparison of the results. The described method enables the pilot to determine the moment when his aircraft is passing over the radio-station. About 3 - 5 min before reaching the radio-station the course angle is set at 90° or 270°; the indicator reaches its extreme left at the moment when the aircraft passes above its homing radio-station. The determination of the course angle by tuning indi-

Card 1/2

✓

MALYKHIN, Semen Grigor'yevich. Prinimals uchastiye MALYKHINA, Ye.G.,
vraч. KUNOV, S.S., red.; LEBEDINSKAYA, M.F., tekhn.red.

[Arkhyz, the pearl of the Caucasus] Arkhyz - zhemchuzhina
Kavkaza. Cherkessk, Karachaevo-Cherkesskoe knizhnoe izd-vo,
1959. 92 p. (MIRA 13:11)
(Zelenchukskaya District--Description and travel)

MALYKHIN, N. S., Cand of Agri Sci -- (diss) "Procedures for Fertilizing Potatoes
on Argillaceous soils of the North-West Part of the Non-Chernozem belt,"
Leningrad-Pushkin, 1959, 16 pp (Leningrad Agricultural Institute) (KL, 8-60, 117)

MALYKHIN, M.I.

Mechanization of loading and unloading operations in the Kursk
Mail Transportation Department. Vest.sviazi 20 no.3:26-27 Mr
'60. (MIRA 13:6)

1. Nachal'nik Kurskogo otdeleniya perevozki pochty.
(Kursk--Postal service)

MALYKHIN, M. (Stalinsk)

Making caps for the PH-25A pump. Pozh.delo 5 no.7:24
Jy '59. (MIRA 12:9)
(Pumping machinery)

MALYKHIN, M.

When the plant is well studied. Pozh. delo 5 no.6:27-28 Je
'59. (MIRA 12:8)
(Factories--Fires and fire prevention)

MALYKHIN, M.

Improve the training of personnel. Poch. delo 3 no. 010-11-0-167.
(MLRA 10:9)

1. Starshiy inspektor Upravleniya pozharnoy okhany Kemerovskoy
oblasti.

(Fire prevention--Study and teaching)

MALYKHIN, M.

GORBACHEV, I. (Moskva); SOLDATOV, V (Serpukhov); MALYKHIN, M. (Kemerovo).

Evaluating the work of State Fire Inspection agencies. Pozh.delo
3 no.8:9 Ag '57. (MLRA 10:8)
(Fire prevention--Inspection)

LUBOVSKIY, N.P., prof., doktor sel'skokhoz.nauk; MALYKHIN, I.I., kand.
sel'skokhoz.nauk.

Sunflower cultivation in the Donets Basin. Zemledelie 8
no.1:67-73 Ja '60. (MIRA 13:4)
(Donets Basin--Sunflowers)

MALYKHIN, I. I.

Malykhin, I. I. "Problems of the agricultural engineering of winter wheat from unequal parent stock under the conditions of Khar'kov Oblast." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner agricultural Inst imeni V.V. Dokuchayev. Khar'kov, 1956. (Dissertation for the Degree of Candidate In Agricultural Science)

So: Knizhnaya letopis', No. 27. 1956. Moscow. Pages 94-102; ill.

MALYKHIN, G.P. (Rostov-na-Donu)

Reliability of locomotives. Zhel. dor. transp. 47 no. 7:62-65 Jl
'65. (MIRA 18:7)

1. Starshiy inzh. otdela remonta lokomotivnoy sluzhby Severo-
Kavkazskoy dorogi.

SOV/137-57-11-22383

The Mechanical Properties of Steel at Temperatures (cont.)

N.S. Kurnakov's law of temperature dependence of resistance to deformation for carbon steels is sustained for temperatures both below and above the solidus, the temperature coefficient in the Kurnakov equation being dependent upon the C contents of the steel. The Hv of carbon steels at the m.p. is virtually independent of the C contents. At the temperature of zero liquid fluidity, the Hv maintains a value of ~0.5 kg/mm².

A.M.

Card 2/2

SOV/137-57-11-22383

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 11, p 249 (USSR)

AUTHOR: Malykhin, G.A.

TITLE: The Mechanical Properties of Steel at Temperatures Close to the Melting Point (Mekhanicheskiye svoystva stali pri temperaturakh, blizkikh k temperaturam plavleniya)

PERIODICAL: Sb. stud. nauchn. rabot. Belorussk. politekhnch. in-t, 1957,
Nr 3, pp 22-25

ABSTRACT: An investigation is made of the H_V of Nr-15.45 and U-10 steels at temperatures $> 1150^\circ C$ and of the dependence of H_V to temperatures including temperatures above the solidus. Heating of specimens at a rate of 10-15 degrees C/min is performed in an electric furnace upon which an instrument for the measurement of H_V is mounted. The material used for the indentor is a ceramic, the load is 2 kg, and the holding time 20 sec. It is found that the H_V of Nr-45 steel at 1100° is 4.5 kg/mm^2 , that it diminishes gradually with further rise in temperature, and that at the m.p. of 1425° it is $1.75 kg/mm^2$, while at 1480° it is $0.36-0.57 kg/mm^2$. Analogous changes in H_V are observed in other investigated grades of steel.

Card 1/2

MALYKHIN, F., general-polkovnik

Concern for the soldiers' mode of life is the duty of the commander. Voen. vest. 42 no.8:80-82 Ag '62. (MIRA 15:7)
(Russia--Army--Military life)

MALYKHIN, F., general-polkovnik

Remembering the past. Tyl. i snab. Sov. Voor. Sil 21 no.6:15-21
Je '61. (MIRA 14:8)
(Leningrad--Siege, 1941-1944) (Ukraine--World War, 1939-1945)
(Manchuria--World War, 1939-1945)

MALYKHIN, F., general-polkovnik

Achievement of the people. Tyl.i snab.Sov.Voor.Sil 21 no.5:6-11
My '61. (MIRA 14:8)
(World War, 1939-1945) (Russia--Armed forces)

MALYKHIN, A.I., kapitan meditsinskoy sluzhby

Complete equipment for a roentgenological photolaboratory. Voen.-med.
zhur. no.10:83-84 O '59. (MIRA 13:3)
(RADIOGRAPHY, equipment and supplies)

MALYKHIN, A. I.

USSR/Engineering - Hardness measurement

Card : 1/1

Authors : Malykhin, A. I.; Kriven'kaya, T. M.

Title : Attachment to Rockwell instrument for testing parts of large dimensions

Periodical : Vest. Mash., 34, Ed. 6, 95 - 96, June 1954

Abstract : A device is described which is attached to the table of a Rockwell hardness tester to enable it to hold parts of large dimensions.

Institution : ...

Submitted : ...

MALYKHIN, A. I.

USSR/Miscellaneous-Metallurgy

Card : 1/1

Authors : Sogrishin, Yu. P., Engineer, and Malykhin, A. I.

Title : Making the pivot bearings of friction presses

Periodical : Vest. Mash. 34/5, 72-74, May 1954

Abstract : Researches were conducted in order to obtain a quality of steel capable of withstanding the severe wear to which pivot bearings are subject, and a process was developed by which the steel is heated for 70 minutes to a temperature of 1050 degrees and then put under the forging hammer, with a temperature at the finish of the forging of 800 degrees. Details of the polishing of the bearing surfaces are given. Drawing; illustrations.

Institution :

Submitted :

USCN/Engineering - Testing equipment

Card 1/1 : Pub. 128 - 27/38

Authors : Malykhin, A. I.

Title : A spark testing device

Periodical : Vest. mash. 9, page 84, Sep 1954

Abstract : The editorial gives some information on a newly designed manual pneumatic device for spark testing. Drawings depicting the above mentioned device are presented, together with a description of its structure and operation.

Institution :

Submitted :

ACC NR: AP6015708 (A)

SOURCE CODE: UR/0413/66/000/009/0110/0111

INVENTOR: Gayev, D. V.; Golubev, G. M.; Levin, M. I.; Malykhin, A. A.; Margulis, Yu. I.; Spiridonov, G. M.

ORG: None

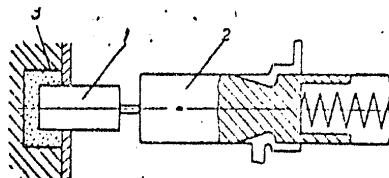
TITLE: A temperature control for an internal combustion engine. Class 42, No. 181406 [announced by the Central Scientific Research Diesel Institute (Tsentral'nyy nauchno-issledovatel'skiy dizel'nyy institut) and the Chelyabinsk Tractor Plant (Chelyabinskiy traktornyy zavod)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 110-111

TOPIC TAGS: temperature control, internal combustion engine component

ABSTRACT: This Author's Certificate introduces a temperature control for an air-cooled internal combustion engine. The control contains a contact type pickup. The thermal contact between the engine and the pickup is improved by setting the pickup in the engine cavity which is filled with an intermediate heat transfer agent such as an easily fusible inert salt.

SUB CODE: 21/ SUBM DATE: 09Feb65



1---pickup; 2---control;
3---engine cavity

Card 1/1

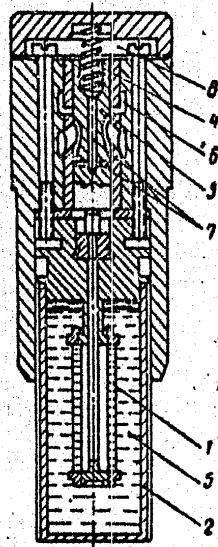
UDC: 621.43-712-533.65

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900008-6

MALYKHIN, A.A., inzh.

Dynamics of two-positional automatic temperature control
systems of internal combustion engines. Energomashinostroenie
11 no.10:8-11 0 '65: (MIRA 18:11)

L 14449-66
ACC NR: AP6002949



1 - sensing element; 2 - pickup; 3 - slide valve; 4 - spring; 5 - fluid; 6 - transfer section; 7 - channels; 8 - space above the slide valve.

BVK
Card 3/3